

Hagerstown Community College
OFFICIAL COURSE SYLLABUS DOCUMENT

COURSE: DHY 204 – Pain Management in Dental Hygiene Practice 2 credits

INSTRUCTOR: Marlaina Lantzy RDH, MS
Dr. John Stull

SEMESTER/YEAR: Fall 2015

COURSE DESCRIPTION:

This course examines the application of various physical, chemical and psychological modalities to increase client comfort and control pain when providing dental hygiene therapeutic services. Emphasis is placed on dental hygiene administration of local dental anesthetics and monitoring Nitrous Oxide sedation. Elements of local anesthetics technique and administration are included. Total of 22 lecture hours and 8 lab contact hours. Prerequisites: DHY 110, DHY 111, DHY 112, DHY 113, DHY 116. Co-requisites: DHY 201, DHY 202, DHY 203, DHY 205.

TEXTBOOKS:

Malamed, Stanley F. Handbook of Local Anesthesia. 2004. Mosby. ISBN: 978-0-323-02449-5

Fehrenback, M. & Herring, S. (). Illustrated anatomy of the head and neck. 4th ed. W. B. Saunders Company.

Supplemental Textbooks:

Clinical Practice of the Dental Hygienist, (2012) 11th ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins. ISBN: 978-1-60831-718-9

Student Workbook to Accompany Clinical Practice of the Dental Hygienist, (2012) 11th ed., Wilkins, Esther, Philadelphia: Lippincott Williams & Wilkins ISBN 978-0781764520

HCC Skill Evaluation Notebook

HCC Dental Hygiene Clinic and Risk Management Manual

PPE, Uniforms and Instrument Kits

STUDENT LEARNING OUTCOMES:

- Prepare the student for the Northeast Regional Board Examination (NERBs) in Local Anesthesia and Nitrous Oxide Sedation Monitoring.
- Assess a patient's medical and pharmacologic history to determine the suitability and proper selection of local anesthesia with or without vasoconstrictor.
- Employ the general principles of technique and safety when administering local anesthetics and monitoring nitrous oxide.

Total Hours of Coursework:

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit. For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework.

ACCOUNTING FOR CREDIT HOUR REQUIREMENT

Assignment / Assessment	Clock Hours
Reading/ studying for lecture exams	3 exams x 10 hours = 30 hours
Case Study Report	60 hours
Class/Homework assignments	30 hours
Total out of class time	120 hours